Figure 1A

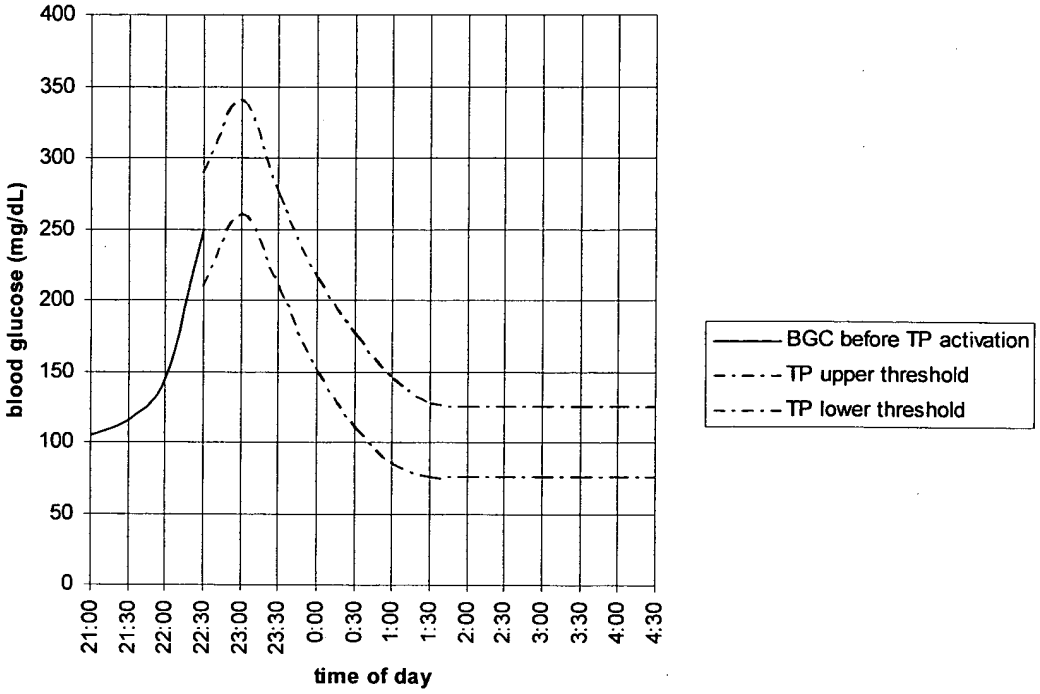


Figure 1B

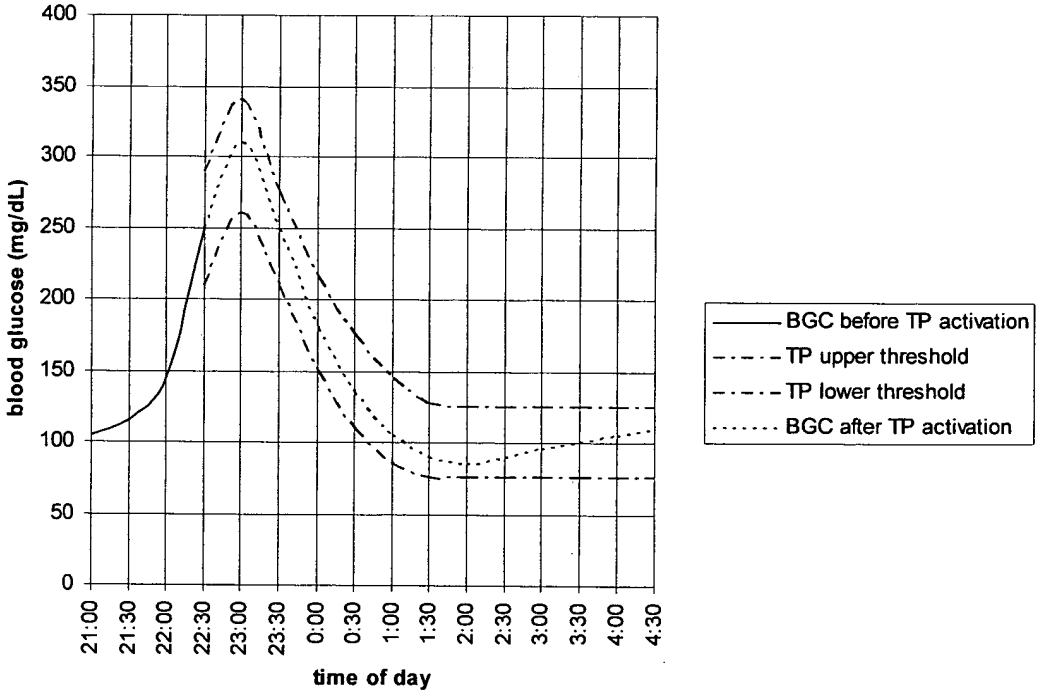


Figure 2A

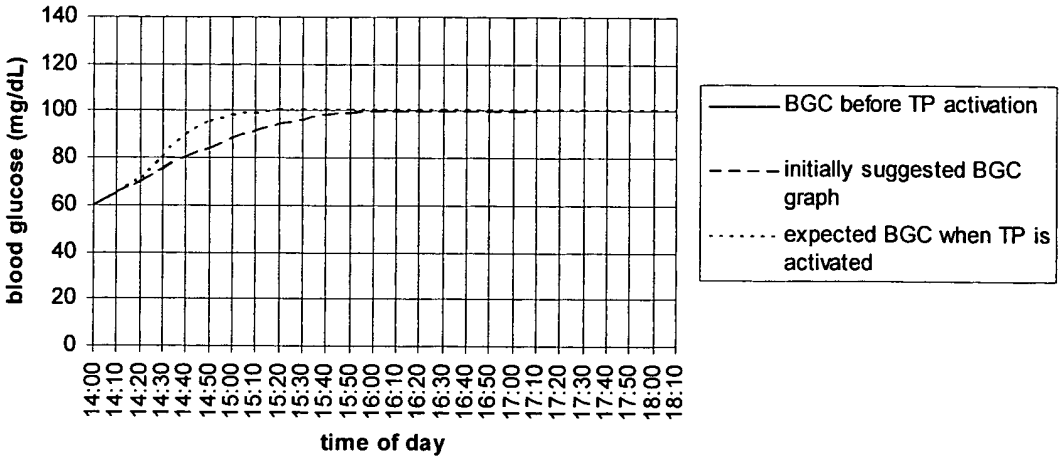


Figure 2B

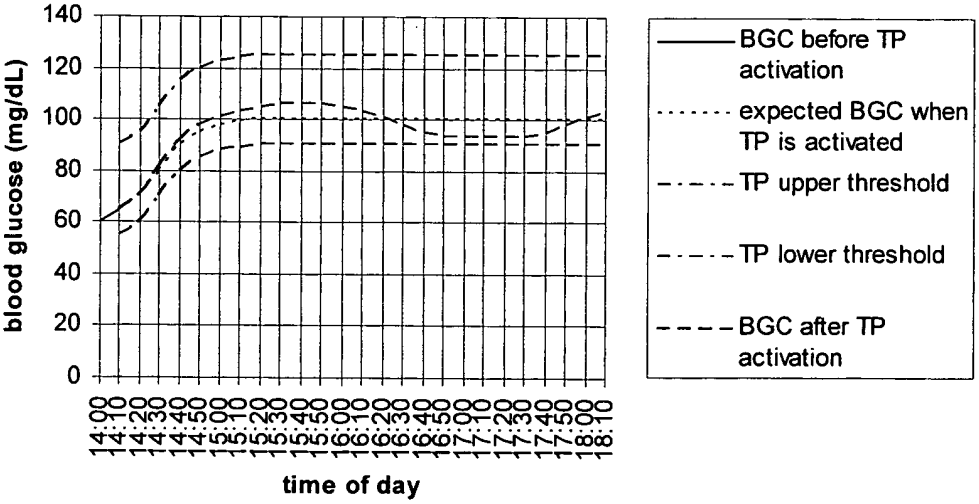


Figure 3A

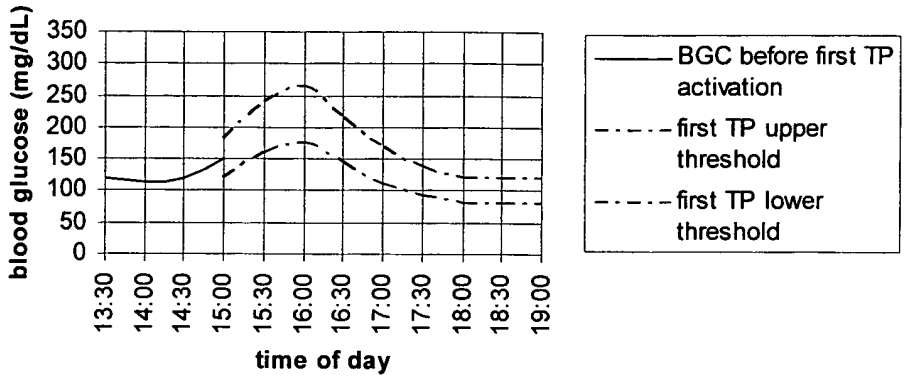


Figure 3B

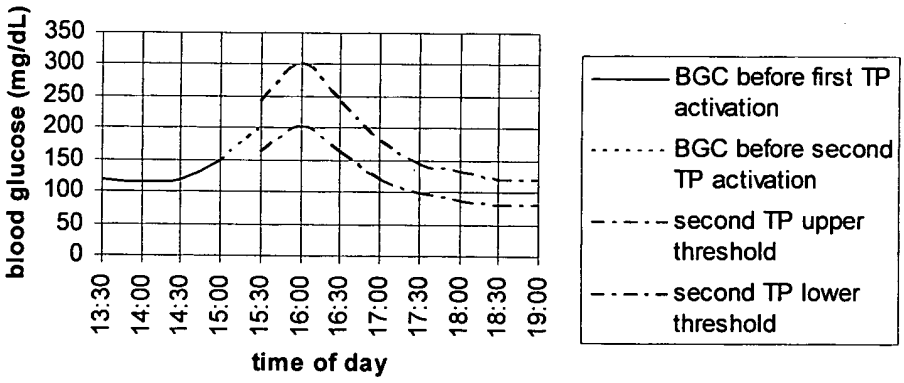


Figure 4A

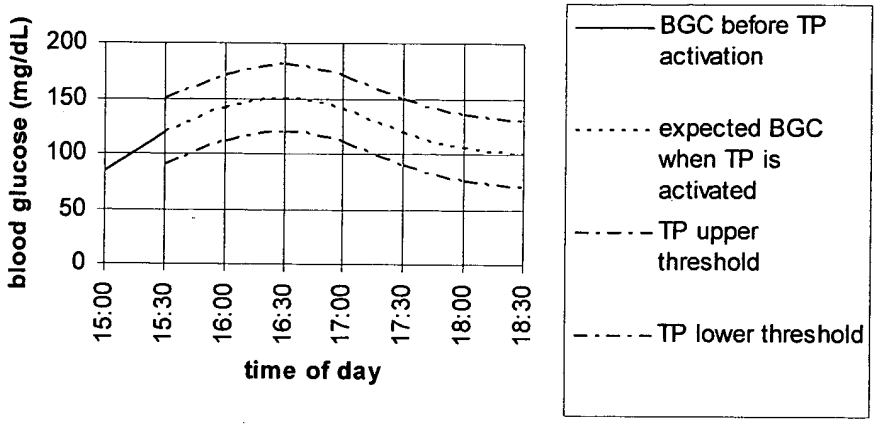


Figure 4B

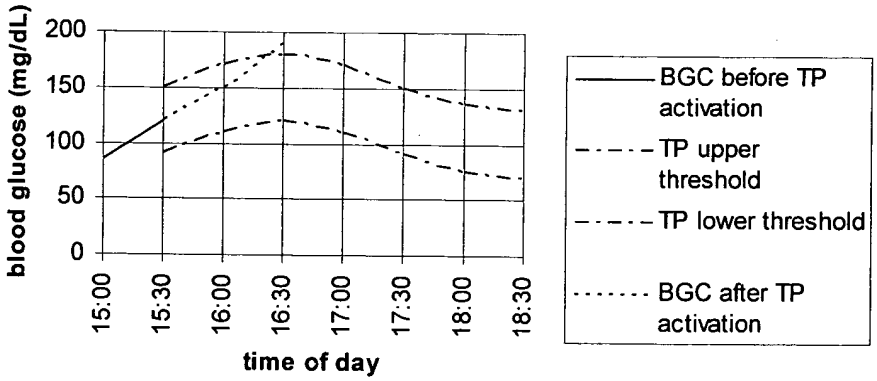


Figure 5A

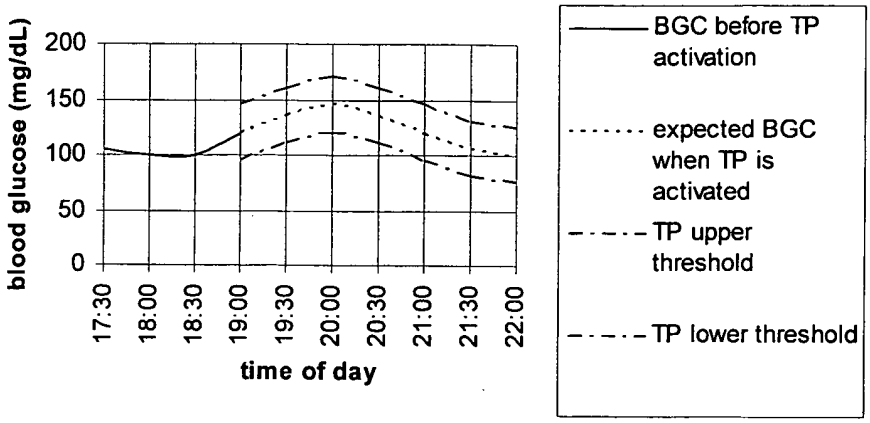


Figure 5B

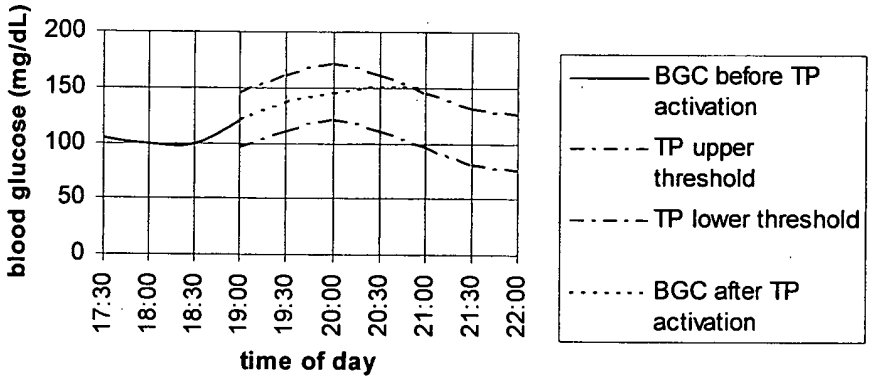


Figure 6A

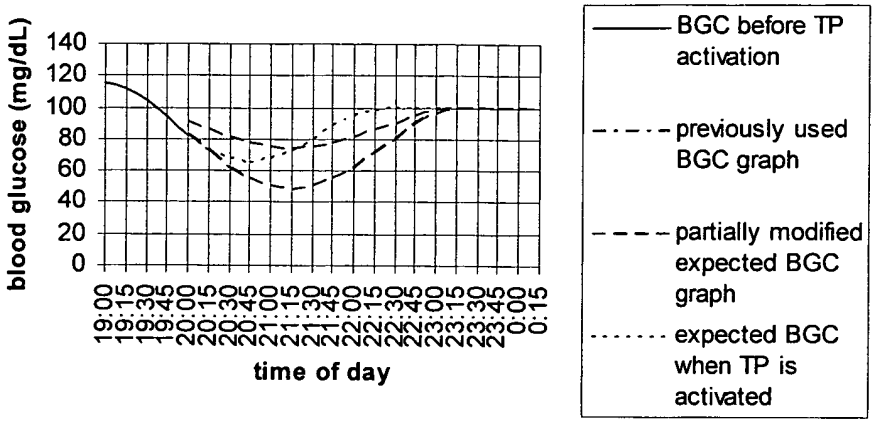


Figure 6B

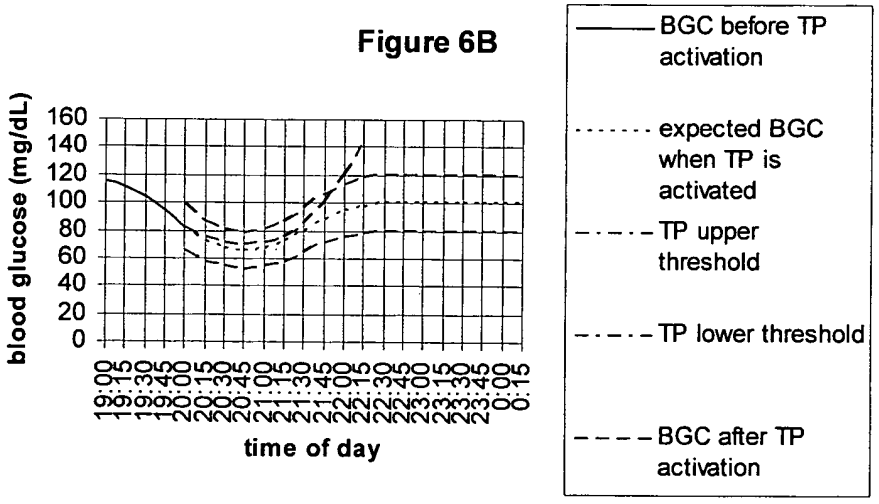


Figure 7A

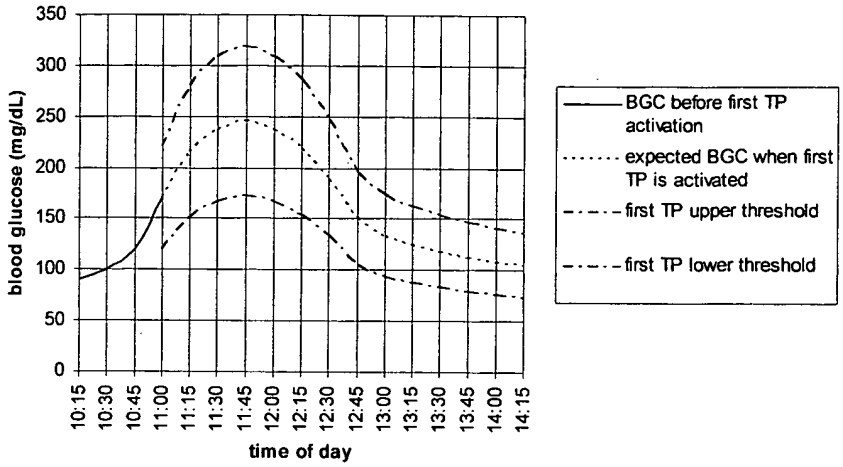


Figure 7B

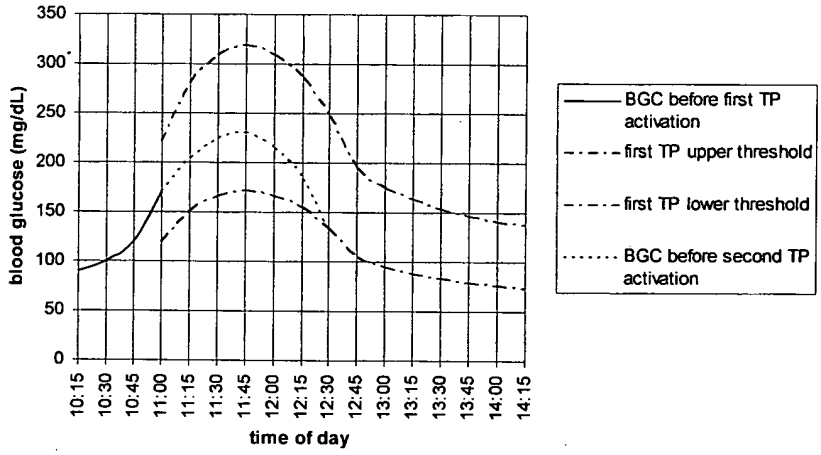


Figure 7C

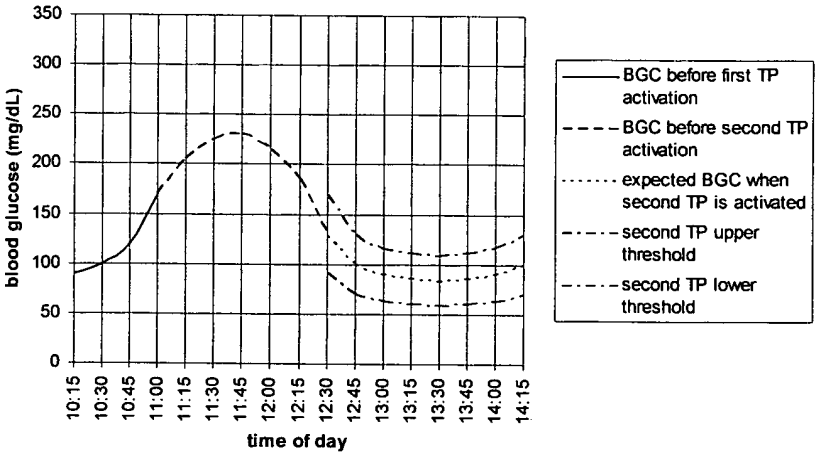


Figure 8A

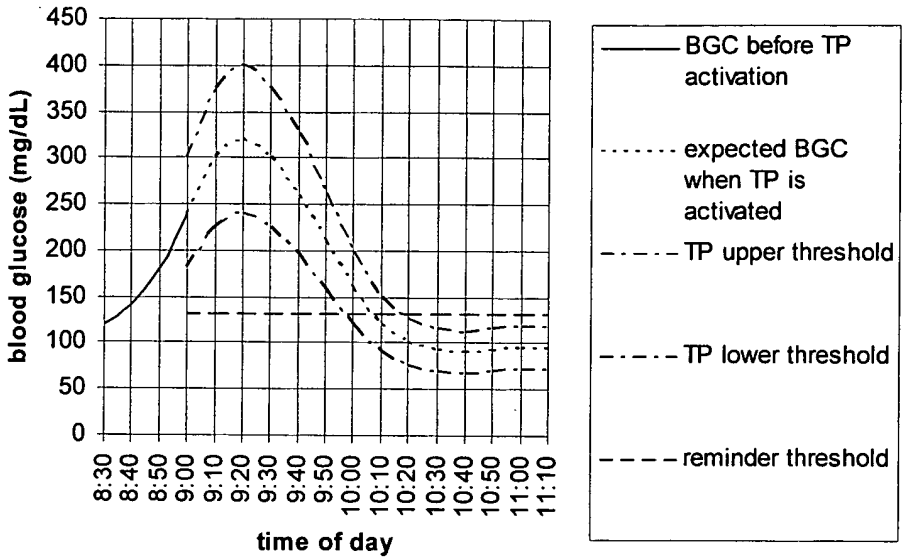


Figure 8B

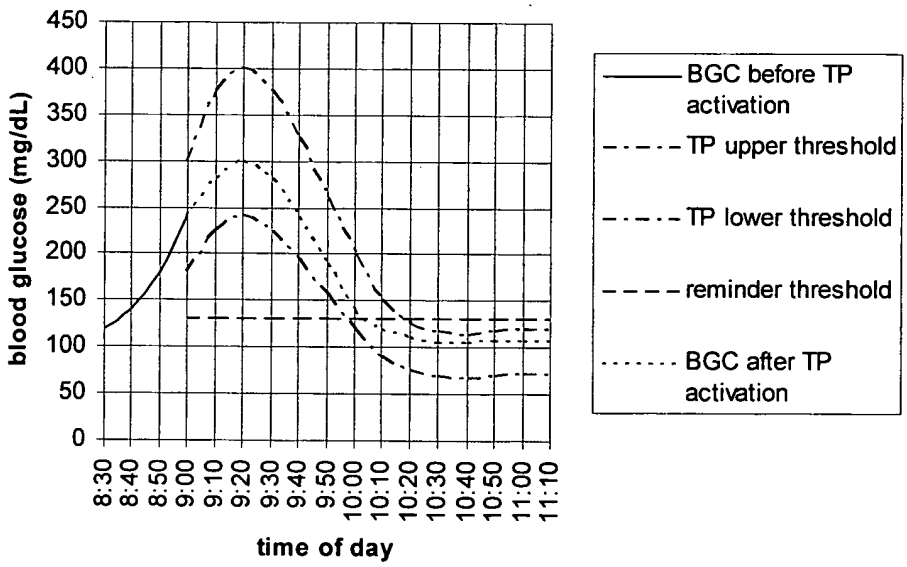


Figure 9A

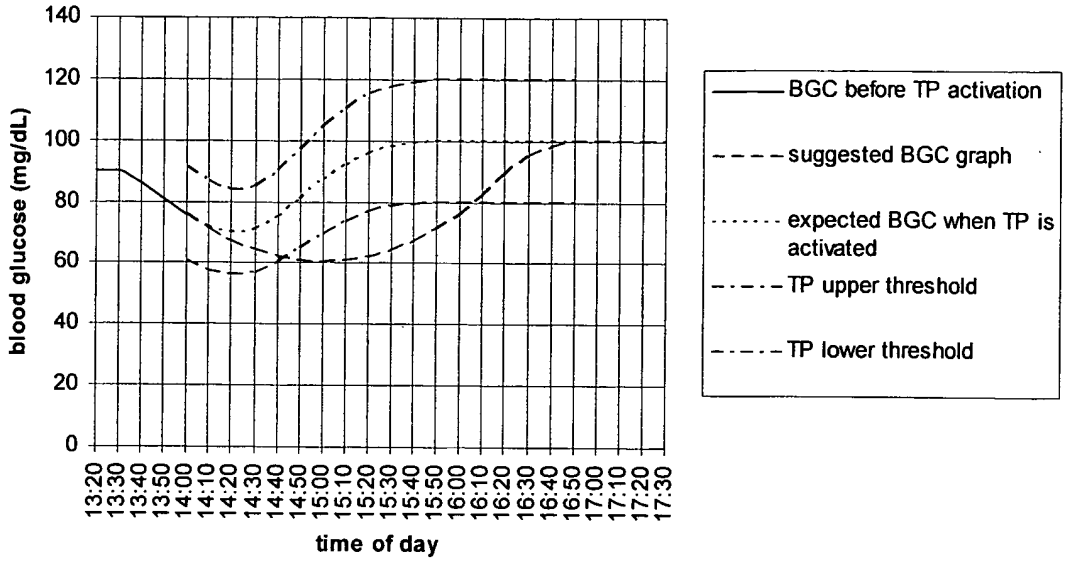


Figure 9B

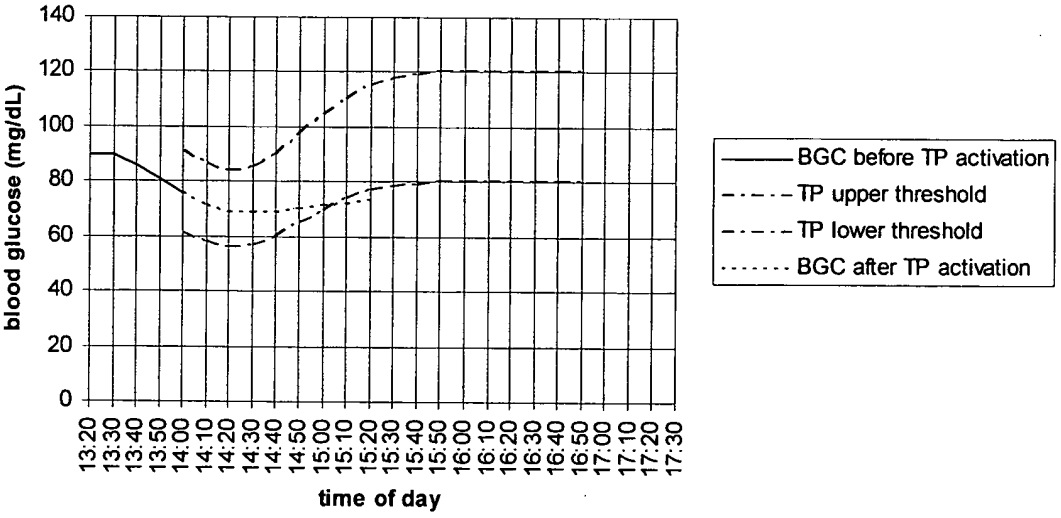


Figure 10A

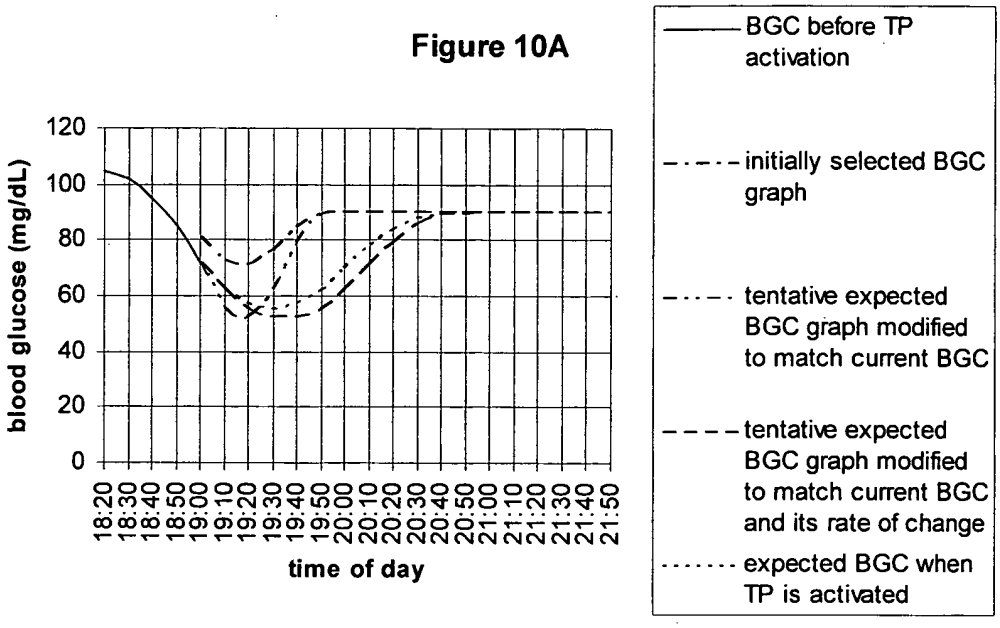


Figure 10B

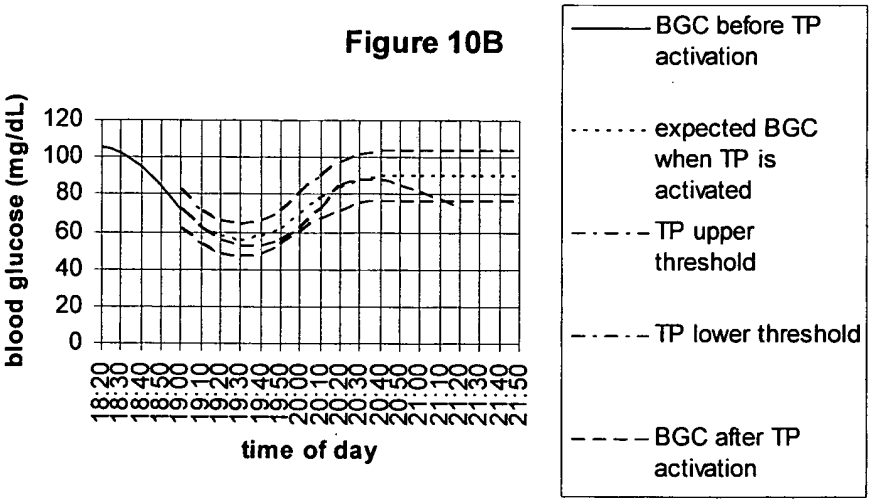


Figure 11A

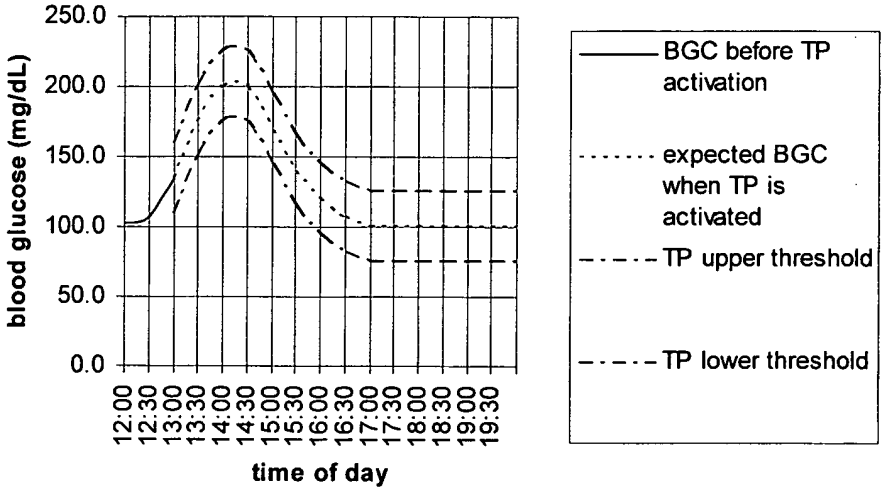


Figure 11B

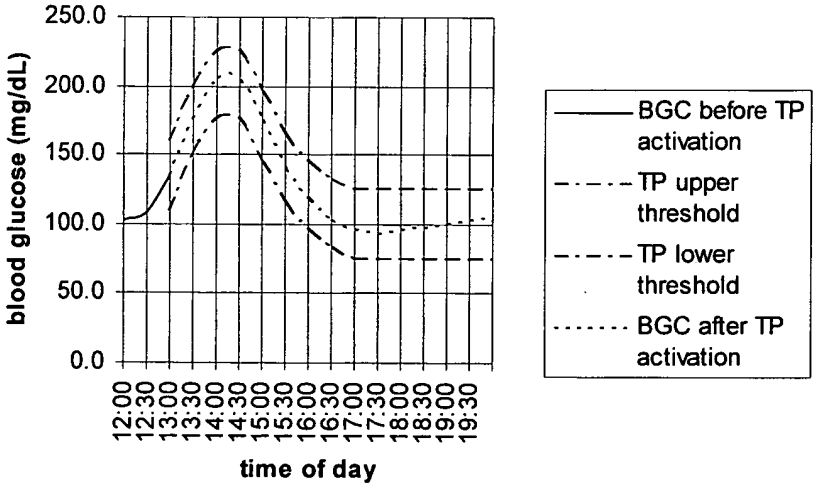


Figure 12A

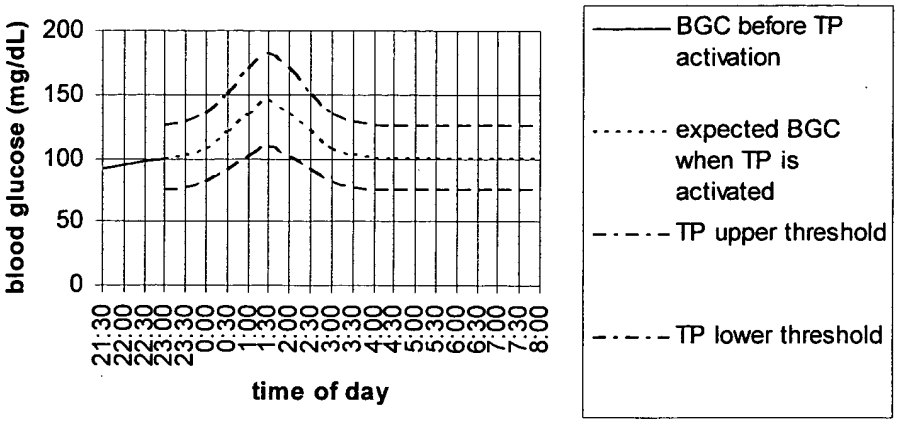


Figure 12B

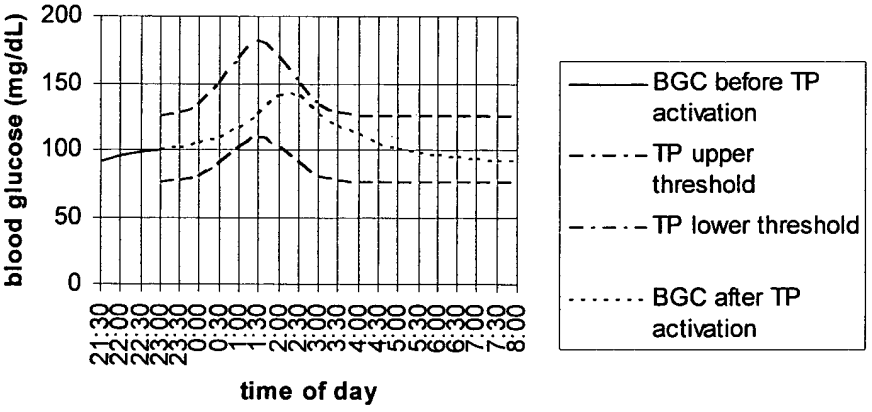
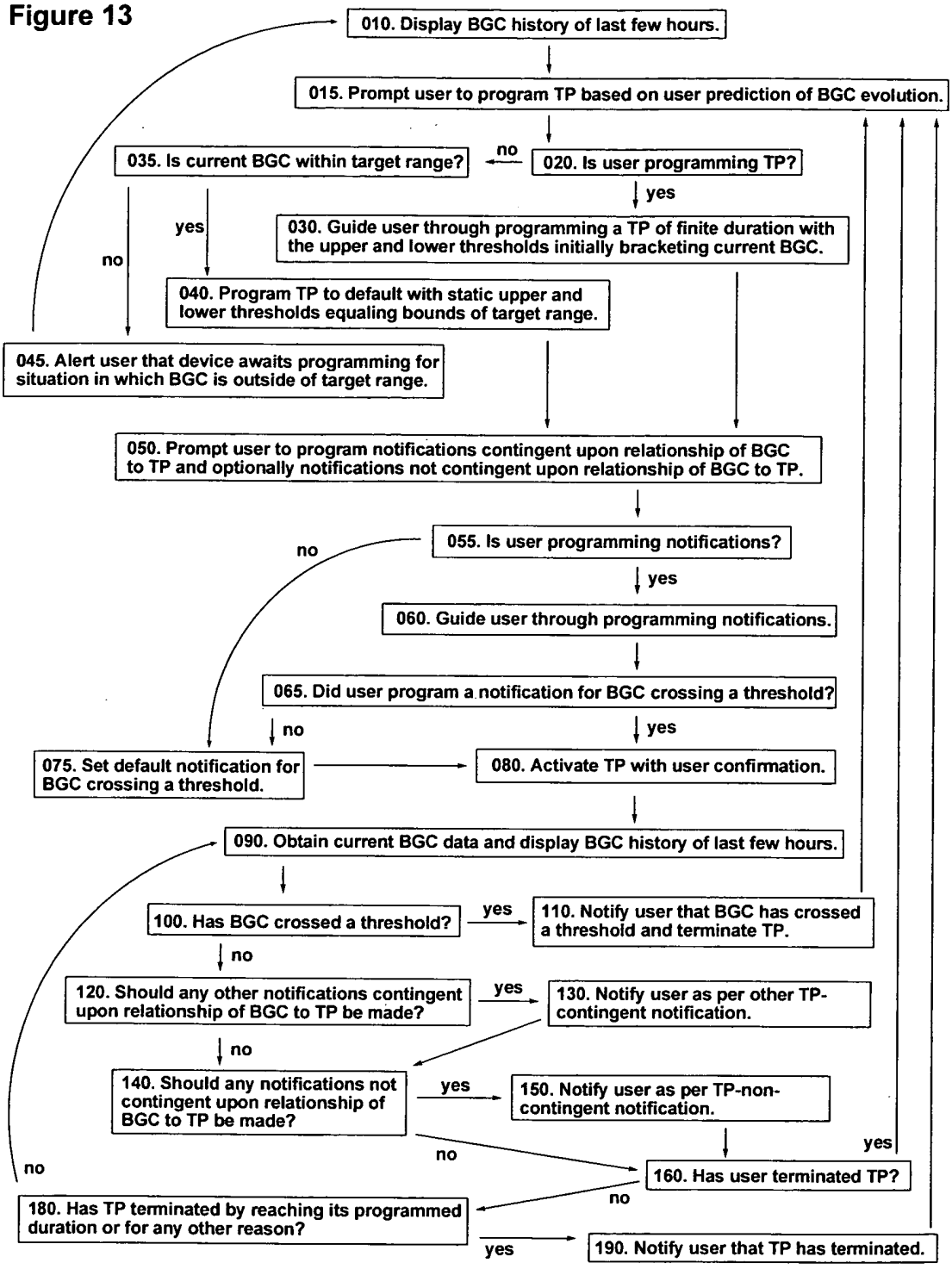


Figure 13


010. Display BGC history of last few hours.
015. Prompt user to program TP based on user prediction of BGC evolution.
020. Is user programming TP?
no
yes
035. Is current BGC within target range?
yes
no
030. Guide user through programming a TP of finite duration with the upper and lower thresholds initially bracketing current BGC.
040. Program TP to default with static upper and lower thresholds equaling bounds of target range.
045. Alert user that device awaits programming for situation in which BGC is outside of target range.
050. Prompt user to program notifications contingent upon relationship of BGC to TP and optionally notifications not contingent upon relationship of BGC to TP.
055. Is user programming notifications?
no
yes
060. Guide user through programming notifications.
065. Did user program a notification for BGC crossing a threshold?
no
yes
075. Set default notification for BGC crossing a threshold.
080. Activate TP with user confirmation.
090. Obtain current BGC data and display BGC history of last few hours.
100. Has BGC crossed a threshold?
yes
110. Notify user that BGC has crossed a threshold and terminate TP.
no
120. Should any other notifications contingent upon relationship of BGC to TP be made?
yes
130. Notify user as per other TP-contingent notification.
no
140. Should any notifications not contingent upon relationship of BGC to TP be made?
yes
150. Notify user as per TP-non-contingent notification.
no
yes
160. Has user terminated TP?
no
no
180. Has TP terminated by reaching its programmed duration or for any other reason?
yes
190. Notify user that TP has terminated.